

<p align="center">Technical Data Sheet Issue Date: 01-11-02</p>		<p align="center">Product Code: VT-230/133 Vital Nails</p>
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Product Description:

A one component, high performance, paste like construction adhesive formulated to bond a variety of common construction materials. It has strong initial grab, superior adhesion and will not slump on vertical surfaces.

Applications:

Ideal for bonding of skirting boards of wood and PVC, particleboard, masonry, aluminum, galvanized iron, steel, concrete, fibrous cement sheeting, wall brick, concrete and flooring paneling. It is also safe to use on foamed polystyrene and mirror backed tiles.

SPECIFICATION:

Solids: Approx. 76%
Viscosity: Approx. 180,000 cps @ 25°C, #7, 10 R.P.M.
Approx. 1,800,000 cps @ 25°C, #7, 1 R.P.M.
Lap shear: (cotton backed PVC to steel, 1 min. open time and conditioning for 24 hours at 20°C)
Average 146lbs/in²
Specific Gravity: Approx. 1.16
Heat Resistance: Approx. 84°C

Directions:

Surfaces must be clean, dry and free of dirt, grease, oil or water.
Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Soap or detergent and water treatments are not recommended.
For a neat finish, apply masking tape and remove it before Vital Nails has skinned over.
Vital Nails can be applied either as a two-way contact or a one-way wet stick adhesive (recommended for heavier panels or those that are formed to place a loading or stressed memory on bond line).
Two-way contact: press firmly over entire surfaces to transfer adhesive and then pull both surfaces apart. Allow to tack off for few minutes (3-5 minutes depending on weather conditions) and reposition and press firmly together. Contact areas should be tapped with a hammer and padded block to ensure intimate contact.
One-way method: After applying adhesive and bringing substrates together, they should be sufficiently clamped, nailed or screwed in a fashion that maintains maximum surface contact at bonded interfaces. Mechanical fastening should be retained if highly stressed, but can be released after a minimum of 24 hours.
Any wet or partially wet adhesive can be removed with a piece of cloth. Dried adhesive is best removed with scraper or by sanding.

Safety and first aid directions:

Avoid contact with eyes, skin and mouth.
Use in well ventilated area. In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention.
Keep out of reach of children.

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Storage

Highly inflammable, keep away from heat source or naked flames. Store in dry and cool place with temperature below +25°C.

Every endeavor has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of various of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.

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